

# 8345 UNI-LOCK CONNECTOR

## 8345-XXXXX- XXX

## 600V/160A



**CONDUCTORS:**  
**(3) POWER**  
**(1) GROUND**  
**(1/2) PILOTS**



### 1. Configuration

- 1-1P = Female Panel Mount Single Pilot – Insert Only
- 1 = Female Panel Mount Dual Pilot – Insert Only
- 2-1P = Male Panel Mount Single Pilot – Insert Only
- 2 = Male Panel Mount Dual Pilot – Insert Only
- 5-1P = Male Cable Attachable Single Pilot
- 5 = Male Cable Attachable Dual Pilot
- 6-1P = Female Cable Attachable Single Pilot
- 6 = Female Cable Attachable Dual Pilot
- 10-1P = Female Panel Mount Single Pilot
- 10 = Female Panel Mount Dual Pilot
- 15-1P = Male Panel Mount Single Pilot
- 15 = Male Panel Mount Dual Pilot
- G = Grounded

### 2. Color

- BLK = Standard Black
- RED = Red
- WHT = White
- ORG = Orange
- BLU = Blue
- GRN = Green
- YEL = Yellow

### Corporate Office

11782 Country Club Road  
 West Frankfort, Illinois 62896  
 Tel 618-932-2151  
 Fax 618-937-2715

### US Sales

Heath Dotson  
[Heath.dotson@specialmineservices.com](mailto:Heath.dotson@specialmineservices.com)

### International Sales

Marshall Girtman  
[Marshall.girtman@specailmineservices.com](mailto:Marshall.girtman@specailmineservices.com)

### Canadian Office

Tel 647-808-0965  
 Fax 847-656-5094  
[SMSConnectors@aol.com](mailto:SMSConnectors@aol.com)

### Accessories

	Male	Female
Panel Mount Shells	A-324119	324093
Protective Caps	3325656-6	3325656-5
Pilot Short Circuiting Cap – Female Receptacle Only	N/A	8345-3
Cleaning Tool Power/Ground Contacts	45MCT	45FCT
Cleaning Tool Pilot Contacts	45MPCT	45FPCT

Select Grommet to Adapt I.D. of Sleeve (supplied on plug) to O.D. of Cable Being Used.

Sleeve No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.
325286	2.000 – 1.812	1.812 – 1.625	1.625 – 1.437	1.437 – 1.250	1.250 – 1.062
	Not Required	324044-1	324044-2	324044-3	324044-4

One (1) Supplied with Connector

### Spare Parts

Premium Hardware Kit: BOM	Description	Qty	Description	Qty	Description	Qty	KIT-45
	SS 3/8-24 x 3/8" LG	8	YAD1014	2	HC-44	1	
	¼-20 x ½" SMSM	2	HC-36	2	¼-20 x 3/8"	2	

### Ratings

Max. Cable AWG	Current (A)	Voltage (V)	Enclosure
2	160	600	4X

Wiring Diagram

